

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	10394	((@ad<="20030826") and (residu\$3 with remov\$3) and ((arc) or (Ti)) and ((cl2) or ("cl.sub.2") or (hcl) or (bcl3) or ("bcl.sub.3") or chlorine)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 16:24
L2	3851	((@ad<="20030826") and (residu\$3 with remov\$3) and ((arc) or (Ti)) and ((cl2) or ("cl.sub.2") or (hcl) or (bcl3) or ("bcl.sub.3") or chlorine) and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 16:24
L3	3851	((@ad<="20030826") and (residu\$3 with remov\$3) and ((arc) or (Ti)) and ((cl2) or ("cl.sub.2") or (hcl) or (bcl3) or ("bcl.sub.3") or chlorine) and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 16:26
L4	2924	((@ad<="20030826") and (residu\$3 near3 remov\$3) and ((arc) or (Ti)) and ((cl2) or ("cl.sub.2") or (hcl) or (bcl3) or ("bcl.sub.3") or chlorine) and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 16:26
L5	1039	((@ad<="20030826") and (residu\$3 near3 remov\$3) and ((arc)) and ((cl2) or ("cl.sub.2") or (hcl) or (bcl3) or ("bcl.sub.3") or chlorine) and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 16:26
L6	365	((@ad<="20030826") and (residu\$3 near3 remov\$3) and ((arc)) and ((cl2) or ("cl.sub.2") or (hcl) or (bcl3) or ("bcl.sub.3") or chlorine) and plasma and etch\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 16:27
L7	67	((@ad<="20030826") and ((residu\$3 near3 remov\$3) and ((arc)) same ((cl2) or ("cl.sub.2") or (hcl) or (bcl3) or ("bcl.sub.3") or chlorine)) and plasma and etch\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 16:30
L8	769	((@ad<="20030826") and ((residu\$3 near3 remov\$3) same ((cl2) or ("cl.sub.2") or (hcl) or (bcl3) or ("bcl.sub.3") or chlorine)) and plasma and etch\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 16:30
L9	110	((@ad<="20030826") and ((residu\$3 near3 remov\$3) same ((cl2) or ("cl.sub.2") or (hcl) or (bcl3) or ("bcl.sub.3") or chlorine)) and plasma and etch\$3 and (arc or antireflective)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 16:31
S1	1309	(438/710).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/09 13:03

## EAST Search History

S2	6	(@ad<="20030826") and ((micromask\$5) adj (residu\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/09 13:14
S3	7	(@ad<="20030826") and ((micromask\$5) near (residu\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/09 09:37
S4	43	(@ad<="20030826") and ((micromask\$5) same (residu\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/09 09:46
S5	6	(@ad<="20030826") and ((micromask\$5) same (residu\$4) same (reduc\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/09 09:38
S6	96147	(@ad<="20030826") and ((micromask\$5) same (residu\$4)) or ((cone) adj (defects)) or (spikes)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/09 10:45
S7	3	(@ad<="20030826") and ((micromask\$5) same (residu\$4)) and (hardmask) and (ARC) and (plasma) and (etch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/09 09:47
S8	600	(@ad<="20030826") and ((micromask\$5) same (residu\$4)) or ((cone) adj (defects)) or (spikes) and (arc) and (mask)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/09 10:46
S9	136	(@ad<="20030826") and ((micromask\$5) same (residu\$4)) or ((cone) adj (defects)) or (spikes) and (arc) and (mask) and (etch)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/09 10:49
S10	96121	(@ad<="20030826") and (arc) and (mask) and (etch) and ((micromask\$5) same (residu\$4)) or ((cone) adj (defects)) or (spikes)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/09 10:54
S11	74	(@ad<="20030826") and (arc) and (mask) and (etch) and (((micromask\$5) same (residu\$4)) or ((cone) adj (defects)) or (spikes))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/09 11:09

## EAST Search History

S12	1	((@ad<="20030826") and ((arc) near (metal\$4)) and ((hardmask) near (oxide)) and (etch) and (((micromask\$5) same (residu\$4)) or ((cone) adj (defects)) or (spikes)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/09 11:12
S13	0	((@ad<="20030826") and ((arc) near ((Ti) or (titanium))) and ((hardmask) near (oxide)) and (etch) and (((micromask\$5) same (residu\$4)) or ((cone) adj (defects)) or (spikes)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/09 11:13
S14	0	((@ad<="20030826") and ((arc) near ((Ti) or (titanium))) and ((hardmask) near (oxide)) and (etch))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/09 11:14
S15	10	((@ad<="20030826") and ((arc) same ((Ti) or (titanium))) and ((hardmask) near (oxide)) and (etch))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/09 11:18
S16	123	((@ad<="20030826") and (micromask\$4) and (residu\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/09 12:14
S17	33	((@ad<="20030826") and (micromask\$4) and (residu\$3) and ((arc) or (Ti)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/09 12:21
S18	2034	((@ad<="20030826") and (residu\$3) and ((arc) or (Ti)) and ((cl2) or ("cl.sub.2") or (hcl) or (bcl3) or ("bcl.sub.3")) and (etch))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/04 18:37
S19	1686	((@ad<="20030826") and (residu\$3) and ((arc) or (Ti)) and ((cl2) or ("cl.sub.2") or (hcl) or (bcl3) or ("bcl.sub.3")) and (etch) and ((oxide) or (TEOS)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/25 16:21
S20	33	((@ad<="20030826") and (residu\$3) and ((arc) same (Ti)) and ((cl2) or ("cl.sub.2") or (hcl) or (bcl3) or ("bcl.sub.3")) and (etch) and ((oxide) or (TEOS)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/09 12:25
S21	29	((@ad<="20030826") and (438/710.cds.) and (etch) and (arc) and (TEOS))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/09 13:15

## EAST Search History

S22	3	(@ad<="20030826") and (etch) and (arc) and (TEOS) and (residu\$4) and (grass\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/09 13:17
S23	308	(@ad<="20030826") and (etch) and (arc) and (TEOS) and ((residu\$4) or (grass\$4) or (micromask\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/09 13:18
S24	129	(@ad<="20030826") and (etch) and (arc) and (TEOS) and ((residu\$4) or (grass\$4) or (micromask\$4)) and (Ti)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/09 13:53
S25	2	("6103633").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/09 13:53
S26	1	"5888859".PN.	USPAT; USOCR	OR	ON	2005/11/09 13:54
S27	1	"5641382".PN.	USPAT; USOCR	OR	ON	2005/11/09 13:54
S28	1	"5413669".PN.	USPAT; USOCR	OR	ON	2005/11/09 14:04
S29	1	"5350488".PN.	USPAT; USOCR	OR	ON	2005/11/09 14:05
S30	1	"5238872".PN.	USPAT; USOCR	OR	ON	2005/11/09 14:37
S31	1	"5200361".PN.	USPAT; USOCR	OR	ON	2005/11/09 14:40
S32	1	"5888859".PN.	USPAT; USOCR	OR	ON	2005/11/09 14:40
S33	5265	(@ad<="20030826") and ((Ti) or (TiN)) and (etch\$4) and ((cl2) or ("cl.sub.2") or (BCl3) or ("BCL.sub.3"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/09 15:15
S34	2161	(@ad<="20030826") and ((Ti) or (TiN)) and (etch\$4) and ((cl2) or ("cl.sub.2") or (BCl3) or ("BCL.sub.3")) and (residu\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/09 15:15
S35	1991	(@ad<="20030826") and ((Ti) or (TiN)) and (etch\$4) and ((cl2) or ("cl.sub.2") or (BCl3) or ("BCL.sub.3")) and (residu\$4) and ((oxide) or (TEOS))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/09 15:16

## EAST Search History

S36	289	(@ad<="20030826") and ((Ti) or (TiN)) and (etch\$4) and ((cl2) or ("cl.sub.2") or (BCl3) or ("BCL.sub.3")) and (residu\$4) and ((oxide) or (TEOS)) and (arc)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/09 15:16
S37	265	(@ad<="20030826") and ((Ti) or (TiN)) and (etch\$4) and ((cl2) or ("cl.sub.2") or (BCl3) or ("BCL.sub.3")) and (residu\$4) and ((oxide) or (TEOS)) and (arc) and (plasma)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/09 15:17
S38	2	(@ad<="20030826") and ("6,103,633")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 14:23
S39	787	(438/720).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/10 14:22
S40	757	(@ad<="20030826") and (438/720.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 14:23
S41	3	(@ad<="20030826") and (((hardmask) and (aluminum) and (etch)).ti.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 15:27
S42	216	(@ad<="20030826") and (((hardmask) and (aluminum etch)).ab.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 15:30
S43	0	(@ad<="20030826") and (((hardmask) and ("aluminum etch")).ab.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 15:31
S44	0	(@ad<="20030826") and ((hardmask) near ("aluminum etch"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 15:32
S45	4	(@ad<="20030826") and ((hardmask) same ("aluminum etch"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 15:43

## EAST Search History

S46	17	((@ad<="20030826") and ((hardmask) and ("aluminum etch"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/10 15:43
S47	0	((@ad<="20030826") and ((clening) near (metal\$4) near (residu\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 12:04
S48	10	((@ad<="20030826") and ((cleaning) near (metal\$4) near (residu\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 12:07
S49	475	((@ad<="20030826") and ((cleaning) same (metal\$4) near (residu\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 12:07
S50	155	((@ad<="20030826") and ((cleaning) same (metal\$4) near (residu\$3)) and (plasma)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 12:18
S51	0	((@ad<="20030826") and ((cleaning) same (metal\$4) near (residu\$3)) and (plasma) and ((cl2) or (BCI3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 12:19
S52	0	((@ad<="20030826") and ((cleaning) same ((metal\$4) near (residu\$3))) and (plasma) and ((cl2) or (BCI3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 12:20
S53	2	((@ad<="20030826") and ((cleaning) and ((metal\$4) near (residu\$3))) and (plasma) and ((cl2) or (BCI3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 15:39
S54	43	((@ad<="20030826") and (etch\$4) and (plasma) and (cl2) and (HCl) and (BCI3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 15:54
S55	21	((@ad<="20030826") and (etch\$4) and (plasma) and ((cl2) same (HCl) same (BCI3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 16:23

## EAST Search History

S56	0	("UEDA-YASUHIKO.in. ").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/14 16:23
S57	34	(UEDA-YASUHIKO.in.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/14 16:44
S58	67	(ouchi-masahiko.in.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 15:15
S59	3	(ouchi-masahiko.in.) and (residu\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 15:11
S60	10	((@ad<="20030826") and (arc) and (hardmask) and ((interface) near (layer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 11:09
S61	6	((@ad<="20030826") and (arc) and (hardmask) and ((sion) near (layer)) and (residu\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 15:27
S62	28	((@ad<="20030826") and (arc) and (hardmask) and ((sion) or (oxynitride)) and (residu\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 15:41
S63	51	((@ad<="20030826") and (arc) and (hardmask) and ((sion) or (oxynitride)) and (residu\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/15 15:41
S64	2	("6103633").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/16 08:34
S65	2	((@ad<="20030826") and (arc) and (hardmask) and ("PE-TEOS"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 11:10

## EAST Search History

S66	2	(@ad<="20030826") and (arc) and (hardmask) and ("PE TEOS")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 11:10
S67	15	(@ad<="20030826") and (arc) and (hardmask) and ("PETEOS")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/11/16 11:10
S68	2	("20040157444").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/25 09:54
S69	920	(@ad<="20030826") and (residu\$3) and (((arc) or (Ti)) with oxide) and etch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 13:37
S70	561	(@ad<="20030826") and (residu\$3) and (((arc) or (Ti)) with oxide) and etch and clean\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 09:30
S71	83	(@ad<="20030826") and (residu\$3) and ((arc) with oxide) and etch and clean\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 09:32
S72	8	(@ad<="20030826") and ((residu\$3) same (HCl)) and ((arc) with oxide) and etch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/13 15:54
S73	394	(@ad<="20030826") and (134/1.2.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 14:13
S74	0	(@ad<="20030826") and (134/1.2.ccls.) and ((choline or hcl or cl or "cl.sub.2") with residu) and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 14:14
S75	0	(@ad<="20030826") and (134/1.2.ccls.) and (choline or hcl or cl or "cl.sub.2") and residu and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 14:15



## EAST Search History

S76	0	(@ad<="20030826") and (134/1.2.ccls.) and (chlorine or hcl or cl or "cl.sub.2") and residu and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 14:15
S77	0	(@ad<="20030826") and (134/1.3.ccls.) and (chlorine or hcl or cl or "cl.sub.2") and residu and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 14:16
S78	0	(@ad<="20030826") and (134/1.1.ccls.) and (chlorine or hcl or cl or "cl.sub.2") and residu and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 14:16
S79	0	(@ad<="20030826") and (134/26.ccls.) and (chlorine or hcl or cl or "cl.sub.2") and residu and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 14:16
S80	172	(@ad<="20030826") and (134/1.2.ccls.) and (chlorine or hcl or cl or "cl.sub.2")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 14:16
S81	160	(@ad<="20030826") and (134/1.2.ccls.) and (chlorine or hcl or cl or "cl.sub.2") and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 14:17
S82	142	(@ad<="20030826") and (134/1.2.ccls.) and (chlorine or hcl or cl or "cl.sub.2") and plasma and substrate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 14:17
S83	101	(@ad<="20030826") and (134/1.2.ccls.) and (chlorine or hcl or cl or "cl.sub.2") and plasma and substrate and residu\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 14:23
S84	49	(@ad<="20030826") and (134/1.2.ccls.) and ((chlorine or hcl or cl or "cl.sub.2") with plasma) and plasma and substrate and residu\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 14:24
S85	49	(@ad<="20030826") and (134/1.2.ccls.) and ((chlorine or hcl or cl or "cl.sub.2") with plasma) and substrate and residu\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 14:35

## EAST Search History

S86	54	(@ad<="20030826") and (134/1.2.ccls.) and ((chlorine or hcl or cl or "cl.sub.2") with plasma) and residu\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 16:04
S87	5	(@ad<="20030826") and (134/1.2.ccls.) and (chlorine with (Ar or argon))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 16:08
S88	0	(@ad<="20030826") and (134/1.2.ccls.) and ((chlorine with (Ar or argon)) same residu\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 16:09
S89	3	(@ad<="20030826") and ("134"/\$4.ccls.) and ((chlorine with (Ar or argon)) same residu\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 16:10
S90	307	(@ad<="20030826") and ((chlorine with (Ar or argon)) same residu\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 16:10
S91	101	(@ad<="20030826") and ((chlorine with (Ar or argon)) same residu\$3) and plasma	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 16:13
S92	34	(@ad<="20030826") and ((chlorine with (Ar or argon)) same residu\$3) and plasma and residu\$3.ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 16:15
S93	34	(@ad<="20030826") and plasma and residu\$3.ab. and ((chlorine with (Ar or argon)) same residu\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 17:15
S94	5	(@ad<="20030826") and plasma and residu\$3.ab. and ("2 mt" or "15 mt")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/05 17:18
S95	31	(@ad<="20030826") and plasma and residu\$3.ab. and ("2 mt" or "15 mt" or "3 mt" or "5 mt" or "10 mt")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/09 07:11

## EAST Search History

S96	2	("20040157444").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/07 16:52
S97	32	((@ad<="20030826") and plasma and residu\$3.ab. and (nodule or micromasking) and removal	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/09 07:22
S98	51	((@ad<="20030826") and plasma and residu\$3.ab. and (nodule or micromasking)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/09 07:22
S99	17	((@ad<="20030826") and plasma and residu\$3.ab. and (nodule or micromasking) and (oxide or ARC)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/09 08:10
S100	17	((@ad<="20030826") and plasma and residu\$3.ab. and (oxide adj (mask or hardmask or "hard mask"))) and (ARC or antireflective)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/09 08:12
S101	2	("6103633").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/10 14:42
S102	32	((@ad<="20030826") and ((residu\$3) same (HCl or cl chlorine or cl2 or "cl.sub.2"))) and ((arc) with oxide) and etch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 06:38
S103	308	((@ad<="20030826") and ((residu\$3) same (HCl or cl chlorine or cl2 or "cl.sub.2"))) and ((Ti or titanium) with oxide) and etch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 06:39
S104	147	((@ad<="20030826") and ((residu\$3 with remov\$4) same (HCl or cl chlorine or cl2 or "cl.sub.2"))) and ((Ti or titanium) with oxide) and etch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 06:40
S105	19	((@ad<="20030826") and ((residu\$3 with remov\$4) same (HCl or cl chlorine or cl2 or "cl.sub.2") same ((Ti or titanium) with oxide)) and etch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 07:00

## EAST Search History

S10 6	1	(@ad<="20030826") and ((residu\$3 with micromask\$4) same (HCl or cl chlorine or cl2 or "cl.sub.2") same ((Ti or titanium) with oxide)) and etch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 07:01
S10 7	1	(@ad<="20030826") and ((micromask\$4) same (HCl or cl chlorine or cl2 or "cl.sub.2") same ((Ti or titanium) with oxide)) and etch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/14 07:01
S10 8	2	("20050048788").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/05/09 13:13
S10 9	789	(@ad<="20030826") and (438/720.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/09 13:14
S11 0	330	(@ad<="20030826") and (438/720.ccls.) and (residue or cleaning)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/09 13:16
S11 1	186	(@ad<="20030826") and (438/720.ccls.) and (residue or cleaning) and ((cl2) or ("cl.sub.2") or (BCI3) or ("BCL.sub.3"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/09 13:17
S11 2	85	(@ad<="20030826") and (438/720.ccls.) and ((residue or cleaning) same ((cl2) or ("cl.sub.2") or (BCI3) or ("BCL.sub.3")))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/09 13:22
S11 3	11133	(@ad<="20030826") and ((residue or cleaning) with ((cl2) or ("cl.sub.2") or (BCI3) or ("BCL.sub.3")))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/09 13:22
S11 4	3157	(@ad<="20030826") and ((residue) with (remov\$3 or clean\$3) with ((cl2) or ("cl.sub.2") or (BCI3) or ("BCL.sub.3")))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/09 13:23
S11 5	25	(@ad<="20030826") and ((residue) with (remov\$3 or clean\$3) with plasma with ((cl2) or ("cl.sub.2") or (BCI3) or ("BCL.sub.3")))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/05/09 13:24